

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>259.05</b> U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>107511183</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US03/12943</b>	INTERNATIONAL FILING DATE <b>25 April 2003(25.04.03)</b>	PRIORITY DATE CLAIMED <b>26 April 2002 (26.04.02)</b>
TITLE OF INVENTION <b>METHOD AND COMPOSITIONS FOR IDENTIFYING ANTI-HIV THERAPEUTIC COMPOUNDS</b>		
APPLICANT(S) FOR DO/EO/US <b>BIRKUS, Gabriel et al.</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **List of Applicants**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/511183</div>	INTERNATIONAL APPLICATION NO. PCT/US03/12943	ATTORNEY'S DOCKET NUMBER 259.US							
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td colspan="2" style="height: 100px;"></td> </tr> <tr> <td style="text-align: right;">\$ 1,110.00</td> <td></td> </tr> </table>		CALCULATIONS	PTO USE ONLY			\$ 1,110.00	
CALCULATIONS	PTO USE ONLY								
\$ 1,110.00									
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims	81 - 20 =	61	X \$18.00						
Independent claims	8 - 3 =	5	X \$88.00						
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$300.00							
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 2,948.00							
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$							
<b>SUBTOTAL =</b>		\$ 2,948.00							
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$							
<b>TOTAL NATIONAL FEE =</b>		\$ 2,948.00							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$							
<b>TOTAL FEES ENCLOSED =</b>		\$ 2,948.00							
		Amount to be refunded:	\$						
		Amount to be charged:	\$						
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>07-1250</u> in the amount of \$ <u>2,948.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1250</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed          and granted to restore the International Application to pending status.</b>									
SEND ALL CORRESPONDENCE TO:  Gilead Sciences, Inc. 333 Lakeside Drive Foster City, CA 94404									
		<div style="text-align: center;"> </div> SIGNATURE Mark L. Bosse NAME 35,071 REGISTRATION NUMBER							

10/511183

DT04 Rec'd PCT/PTO 1 4 OCT 2004

Continued List of Applicants

Chen, James M.

He, Gong-Xin

Chen, Xiaowu

Kim, Choung U.

Cihlar, Tomas

Lee, William A.

Eisenberg, Eugene J.

McDermott, Martin J.

Hatada, Marcos

Swaminathan, Sundaramoorthi

10/511183

DT04 Rec'd PCT/PTO 14 OCT 2004

**PATENT COOPERATION TREATY  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

In re U.S. NATIONAL APPLICATION of	)	Agent's File Ref. 259.US
	)	
Birkus et al.	)	
	)	
U.S. National Filing of	)	
International Application No. : PCT/US03/12943	)	
	)	
International Filing Date: 25 April 2003	)	
	)	
For: METHOD AND COMPOSITIONS FOR	)	
IDENTIFYING ANTI-HIV THERAPEUTIC	)	
COMPOUNDS	)	

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Express Mail Mailing Label No. EL939648626US

Date of Deposit: October 14, 2004

I hereby certify that the attached Transmittal Letter, copy of Power of Attorney filed in PCT Parent Application, and Declaration are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Robin Torres

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
 Birkus et al ) CUSTOMER NO. 25000  
 Serial No.: 10/511,183 ) Group Art Unit: Unassigned  
 Filing Date: October 14, 2004 ) Examiner: Unassigned  
 Title: METHODS AND COMPOSITIONS  
 FOR IDENTIFYING ANTI-HIV  
 THERAPEUTIC COMPOUNDS )

TRANSMITTAL LETTER

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Gentlemen:

Transmitted herewith is the **COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION** for the above patent application:

\_\_\_ Verified Statement of Small Entity Status \_\_\_ enclosed \_\_\_ previously submitted.  
 \_\_\_ Petition for Extension of Time Enclosed.  
X No additional fee is required.  
 \_\_\_ Other enclosures:

A check in the amount of \$\_\_\_\_\_ is attached.  
 Charge \$\_\_\_\_\_ to Deposit Account No. 07-1250.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required by this paper, or to credit any overpayment to Deposit Account No. 07-1250.

01/12/2006 CBUR11.16  
 01 FC:1617

Respectfully submitted,

By: James J. Wong  
 James J. Wong, Reg. No. 34,949

GILEAD SCIENCES, INC.  
 333 Lakeside Drive  
 Foster City, CA 94404  
 (650) 522-5823  
 Fax: (650) 522-5575

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on February 23, 2005

February 23, 2005  
 Date

Wick Collins  
 (Signature of person mailing paper)

COPY